Iraventors: Balaza Kralik, Michael Goldbach Title: Method And Business Process For The Estimation Of Erosion Costs In Assemble-To-Order Manufacturing Operations Atty. Docket No.: M-10954 US Sheet 2 of 3 REPLACEMENT SHEET 200 Computation of Surplus Components (e.g., estimating an expected component surplus) Fig. 2 202 Obtain product and component data for all products in the planning folio (e.g., define an uncancelable level for each of the components, each of the uncancelable levels defining a quantity of the each of the components below which the quantity of each of the components cannot be liquidated without incurring a charge; define a planned level for each of the components, each of the planned levels defining a quantity at which a corresponding one of the components is expected to be available) 204 For each component i for which erosion is to be computed 206 Set component plan to maximum expeditable plan for all components in the planning folio 208 Decrease component plan of component i to its erodible level, which may or may not be the same as the maximum expeditable level 210 Comput expected production qi0 using the adjusted plan from step 208 (e.g., estimating the mean production for the product) 212 Evaluate expected surplus ei by the applying the formula ei = di0-ai\*qi0 (e.g., computing the expected component surplus for the selected component using a mean production for the product, the uncancelable level and the vector of connect rates) 214 Loop until all desired components have been examined 216 Report expected excess amount for desired components to user (e.g., report the expected component surplus for desired components to user)